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SEQUENCE LISTING

<110> Japan Science And Technology Corporation

<120> Identification of Novel Substrate I-TRAF of IKK-i Kinase

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<212> DNA

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<212> PRT

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Lys Leu Asn His Gln Asn Ile Val Lys Leu Phe Ala Val Glu Glu	75
Thr Gly Gly Ser Arg Gln Lys Val Leu Val Met Glu Tyr Cys Ser	90
Ser Gly Ser Leu Leu Ser Val Leu Glu Ser Pro Glu Asn Ala Phe	105
Gly Leu Pro Glu Asp Glu Phe Leu Val Val Leu Arg Cys Val Val	120
Ala Gly Met Asn His Leu Arg Glu Asn Gly Ile Val His Arg Asp	135
Ile Lys Pro Gly Asn Ile Met Arg Leu Val Gly Glu Glu Gly Gln	150
Ser Ile Tyr Lys Leu Thr Asp Phe Gly Ala Ala Arg Glu Leu Asp	165
Asp Asp Glu Lys Phe Val Ser Val Tyr Gly Thr Glu Glu Tyr Leu	180
His Pro Asp Met Tyr Glu Arg Ala Val Leu Arg Lys Pro Gln Gln	195
Lys Ala Phe Gly Val Thr Val Asp Leu Trp Ser Ile Gly Val Thr	210
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Lys Pro Ala Gly Ala Ile Ala Gly Ala Gln Arg Arg Glu Asn Gly	255
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Leu Gly Leu Gln Ser Gln Leu Val Pro Ile Leu Ala Asn Ile Leu	285
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Glu Thr Ser Asp Ile Leu Gln Arg Val Val Val His Val Phe Ser	315
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Leu Glu Pro Ser Val Ser Ala Gln His Ile Ala His Thr Thr Ala	375
Ser Ser Pro Leu Thr Leu Phe Ser Thr Ala Ile Pro Lys Gly Leu	390
Ala Phe Arg Asp Pro Ala Leu Asp Val Pro Lys Phe Val Pro Lys	405
Val Asp Leu Gln Ala Asp Tyr Asn Thr Ala Lys Gly Val Leu Gly	420

Ala Gly Tyr Gln Ala Leu Arg Leu Ala Arg Ala Leu Leu Asp Gly	435
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Gln Ala Thr Cys Arg Arg Thr Leu Glu Val Ala Arg Thr Ser Leu	465
Leu Tyr Leu Ser Ser Ser Leu Gly Thr Glu Arg Phe Ser Ser Val	480
Ala Gly Thr Pro Glu Ile Gln Glu Leu Lys Ala Ala Ala Glu Leu	495
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Gln Phe Lys Lys Ser Arg Met Arg Pro Gly Leu Gly Tyr Asn Glu	570
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Glu Thr Arg Asn His Leu Arg Leu Val Gly Cys Ser Val Ala Ala	630
Cys Asn Thr Glu Ala Gln Gly Val Gln Glu Ser Leu Ser Lys Leu	645
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Ala Gln Ala Ser Pro Pro Pro Ile Ala Pro Tyr Pro Ser Pro Thr	675
Arg Lys Asp Leu Leu Leu His Met Gln Glu Leu Cys Glu Gly Met	690
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<212> DNA

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<212> PRT

<213> Mouse

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Thr Gly Gly Ser Arg Gln Lys Val Leu Ile Met Glu Tyr Cys Ser	90
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Gly Leu Ser Glu Glu Glu Phe Leu Val Val Leu Arg Cys Val Val	120
Ala Gly Met Asn His Leu Arg Glu Asn Gly Ile Val His Arg Asp	135
Ile Lys Pro Gly Asn Ile Met Arg Leu Val Gly Glu Glu Gly Gln	150
Ser Ile Tyr Lys Leu Ser Asp Phe Gly Ala Ala Arg Lys Leu Asp	165
Asp Asp Glu Lys Phe Val Ser Val Tyr Gly Thr Glu Glu Tyr Leu	180
His Pro Asp Met Tyr Glu Arg Ala Val Leu Arg Lys Pro Gln Gln	195
Lys Ala Phe Gly Val Thr Val Asp Leu Trp Ser Ile Gly Val Thr	210
Leu Tyr His Ala Ala Thr Gly Ser Leu Pro Phe Ile Pro Phe Gly	225
Gly Pro Arg Arg Asn Lys Glu Ile Met Tyr Arg Ile Thr Thr Glu	240
Lys Pro Ala Gly Ala Ile Ser Gly Thr Gln Lys Gln Glu Asn Gly	255
Pro Leu Glu Trp Ser Tyr Ser Leu Pro Ile Thr Cys Arg Leu Ser	270
Met Gly Leu Gln Asn Gln Leu Val Pro Ile Leu Ala Asn Ile Leu	285
Glu Val Glu Glu Asp Lys Cys Trp Gly Phe Asp Gln Phe Phe Ala	300
Glu Thr Ser Asp Ile Leu Gln Arg Thr Val Ile His Val Phe Ser	315
Leu Pro Gln Ala Val Leu His His Val Tyr Ile His Ala His Asn	330
Thr Ile Ala Ile Phe Leu Glu Ala Val Tyr Glu Gln Thr Asn Val	345
Thr Pro Lys His Gln Glu Tyr Leu Phe Glu Gly His Pro Cys Val	360
Leu Glu Pro Ser Leu Ser Ala Gln His Ile Ala His Thr Ala Ala	375
Ser Ser Pro Leu Thr Leu Phe Ser Met Ser Ser Asp Thr Pro Lys	390
Gly Leu Ala Phe Arg Asp Pro Ala Leu Asp Val Pro Lys Phe Val	405
Pro Lys Val Asp Leu Gln Ala Asp Tyr Ser Thr Ala Lys Gly Val	420
Leu Gly Ala Gly Tyr Gln Ala Leu Trp Leu Ala Arg Val Leu Leu	435
Asp Gly Gln Ala Leu Met Leu Arg Gly Leu His Trp Val Leu Glu	450
Val Leu Gln Asp Thr Cys Gln Gln Thr Leu Glu Val Thr Arg Thr	465
Ala Leu Leu Tyr Leu Gly Ser Ser Leu Gly Thr Glu Arg Phe Ser	480
Ser Gly Ser Gly Met Pro Asp Val Gln Glu Arg Lys Glu Ala Thr	495
Glu Leu Arg Thr Arg Leu Gln Thr Leu Ser Glu Ile Leu Ser Lys	510
Cys Ser His Asn Val Thr Glu Thr Gln Arg Ser Leu Ser Cys Leu	525
Gly Glu Glu Leu Leu Lys Asn Arg Asp Gln Ile His Glu Asp Asn	540

Lys Ser Ile Gln Lys Ile Gln Cys Cys Leu Asp Lys Met His Phe	555
Ile Tyr Lys Gln Phe Lys Lys Ser Arg Met Arg Pro Gly Leu Ser	570
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Gln Thr Tyr Gln Val Ser Leu Val Thr His Gly Lys Arg Met Arg	615
Gln Val Gln Arg Ala Gln Asn His Leu His Leu Ile Gly His Ser	630
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Gly Ala Glu Val Ser Pro Gln Pro Met Ala Pro His Pro Gly Pro	675
Asp Pro Lys Asp Leu Val Phe His Met Gln Glu Leu Cys Asn Asp	690
Met Lys Leu Leu Ala Phe Asp Leu Gln Asp Asn Asn Arg Leu Ile	705
Glu Arg Leu His Arg Val Pro Ser Ala Pro Asp Val ***	717